Jianjun Chen

List of Publications by Year
in descending order

71	3,311	159585 30	149698 56
papers	citations	h-index	g-index

71	71	71	4321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Overview of Tubulin Inhibitors That Interact with the Colchicine Binding Site. Pharmaceutical Research, 2012, 29, 2943-2971.	3.5	610
2	Advances in redox-responsive drug delivery systems of tumor microenvironment. Journal of Nanobiotechnology, 2018, 16, 74.	9.1	264
3	Discovery of 4-Substituted Methoxybenzoyl-aryl-thiazole as Novel Anticancer Agents: Synthesis, Biological Evaluation, and Structureâ^'Activity Relationships. Journal of Medicinal Chemistry, 2009, 52, 1701-1711.	6.4	162
4	Recent advances in trimethoxyphenyl (TMP) based tubulin inhibitors targeting the colchicine binding site. European Journal of Medicinal Chemistry, 2018, 151, 482-494.	5.5	162
5	Discovery of Novel 2-Aryl-4-benzoyl-imidazoles Targeting the Colchicines Binding Site in Tubulin As Potential Anticancer Agents. Journal of Medicinal Chemistry, 2010, 53, 7414-7427.	6.4	111
6	Discovery of Novel 2-Aryl-4-benzoyl-imidazole (ABI-III) Analogues Targeting Tubulin Polymerization As Antiproliferative Agents. Journal of Medicinal Chemistry, 2012, 55, 7285-7289.	6.4	100
7	Advances of blood cell-based drug delivery systems. European Journal of Pharmaceutical Sciences, 2017, 96, 115-128.	4.0	95
8	Design, Synthesis, and Biological Evaluation of Stable Colchicine Binding Site Tubulin Inhibitors as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2014, 57, 7355-7366.	6.4	83
9	Recent advances in small molecule based cancer immunotherapy. European Journal of Medicinal Chemistry, 2018, 157, 582-598.	5.5	74
10	Recent progress in histone methyltransferase (G9a) inhibitors as anticancer agents. European Journal of Medicinal Chemistry, 2019, 179, 537-546.	5.5	73
11	Synthesis and antiproliferative activity of novel 2-aryl-4-benzoyl-imidazole derivatives targeting tubulin polymerization. Bioorganic and Medicinal Chemistry, 2011, 19, 4782-4795.	3.0	64
12	Recent progress on HDAC inhibitors with dual targeting capabilities for cancer treatment. European Journal of Medicinal Chemistry, 2020, 208, 112831.	5.5	64
13	Discovery of novel resorcinol diphenyl ether-based PROTAC-like molecules as dual inhibitors and degraders of PD-L1. European Journal of Medicinal Chemistry, 2020, 199, 112377.	5.5	63
14	Photo-conversion of two epimers (20R and 20S) of pregna-5,7-diene-3Î², 17Î±, 20-triol and their bioactivity in melanoma cells. Steroids, 2009, 74, 218-228.	1.8	60
15	Novel vitamin D photoproducts and their precursors in the skin. Dermato-Endocrinology, 2013, 5, 7-19.	1.8	56
16	Discovery of Novel Benzimidazole and Indazole Analogues as Tubulin Polymerization Inhibitors with Potent Anticancer Activities. Journal of Medicinal Chemistry, 2021, 64, 4498-4515.	6.4	56
17	Light-Activatable Prodrug and AIEgen Copolymer Nanoparticle for Dual-Drug Monitoring and Combination Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18691-18700.	8.0	54
18	A comprehensive review of cytochrome P450 2E1 for xenobiotic metabolism. Drug Metabolism Reviews, 2019, 51, 178-195.	3.6	53

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19	Novel Tubulin Polymerization Inhibitors Overcome Multidrug Resistance and Reduce Melanoma Lung Metastasis. Pharmaceutical Research, 2012, 29, 3040-3052.	3.5	50
20	Discovery of Novel Resorcinol Dibenzyl Ethers Targeting the Programmed Cell Death-1/Programmed Cell Deathâ€“Ligand 1 Interaction as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2020, 63, 8338-8358.	6.4	50
21	Nanotechnology in retinal drug delivery. International Journal of Ophthalmology, 2018, 11, 1038-1044.	1.1	48
22	Synergistic Chemotherapy for Breast Cancer and Breast Cancer Brain Metastases via Paclitaxel-Loaded Oleanolic Acid Nanoparticles. Molecular Pharmaceutics, 2020, 17, 1343-1351.	4.6	47
23	Synthesis and antiproliferative activity of imidazole and imidazoline analogs for melanoma. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3183-3187.	2.2	46
24	Vitamin D and its analogs as anticancer and anti-inflammatory agents. European Journal of Medicinal Chemistry, 2020, 207, 112738.	5.5	45
25	Recent advances in DDR (DNA damage response) inhibitors for cancer therapy. European Journal of Medicinal Chemistry, 2022, 230, 114109.	5.5	45
26	Synthesis of phospholipase A2 inhibitory biflavonoids. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2373-2375.	2.2	42
27	Nearâ€Infrared II Lightâ€Triggered Robust Carbon Radical Generation for Combined Photothermal and Thermodynamic Therapy of Hypoxic Tumors. Advanced Functional Materials, 2021, 31, 2101709.	14.9	42
28	Discovery of novel cell-penetrating and tumor-targeting peptide-drug conjugate (PDC) for programmable delivery of paclitaxel and cancer treatment. European Journal of Medicinal Chemistry, 2021, 213, 113050.	5.5	38
29	Lumisterol is metabolized by CYP11A1: Discovery of a new pathway. International Journal of Biochemistry and Cell Biology, 2014, 55, 24-34.	2.8	37
30	Design, synthesis, and bioevaluation of pyrazolo[1,5-a]pyrimidine derivatives as tubulin polymerization inhibitors targeting the colchicine binding site with potent anticancer activities. European Journal of Medicinal Chemistry, 2020, 202, 112519.	5.5	36
31	Pharmacokinetic Optimization of 4-Substituted Methoxybenzoyl-aryl-thiazole and 2-Aryl-4-benzoyl-imidazole for Improving Oral Bioavailability. Drug Metabolism and Disposition, 2011, 39, 1833-1839.	3.3	30
32	Discovery of Novel and Highly Potent Resorcinol Dibenzyl Ether-Based PD-1/PD-L1 Inhibitors with Improved Drug-like and Pharmacokinetic Properties for Cancer Treatment. Journal of Medicinal Chemistry, 2020, 63, 15946-15959.	6.4	29
33	Design, synthesis, and biological evaluation of 1-substituted -2-aryl imidazoles targeting tubulin polymerization as potential anticancer agents. European Journal of Medicinal Chemistry, 2019, 184, 111732.	5.5	28
34	Efficient Synthesis and Bioevaluation of Novel Dual Tubulin/Histone Deacetylase 3 Inhibitors as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2021, 64, 8447-8473.	6.4	28
35	Design, Synthesis, and Biological Action of 20R-Hydroxyvitamin D3. Journal of Medicinal Chemistry, 2012, 55, 3573-3577.	6.4	27
36	Novel CRBN-Recruiting Proteolysis-Targeting Chimeras as Degraders of Stimulator of Interferon Genes with In Vivo Anti-Inflammatory Efficacy. Journal of Medicinal Chemistry, 2022, 65, 6593-6611.	6.4	26

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37	An Overview of HDAC Inhibitors and their Synthetic Routes. Current Topics in Medicinal Chemistry, 2019, 19, 1005-1040.	2.1	22
38	A new steroidal 5,7-diene derivative, 3Î²-hydroxyandrosta-5,7-diene-17Î²-carboxylic acid, shows potent anti-proliferative activity. Steroids, 2010, 75, 230-239.	1.8	21
39	Nano-assembly of ursolic acid with platinum prodrug overcomes multiple deactivation pathways in platinum-resistant ovarian cancer. Biomaterials Science, 2021, 9, 4110-4119.	5.4	21
40	Recent Advances in the Development of PD-L1 Modulators: Degraders, Downregulators, and Covalent Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 15389-15398.	6.4	20
41	Recent Advances in c-Jun N-Terminal Kinase (JNK) Inhibitors. Current Medicinal Chemistry, 2021, 28, 607-627.	2.4	20
42	Discovery of Novel Histone Deacetylase 6 (HDAC6) Inhibitors with Enhanced Antitumor Immunity of Anti-PD-L1 Immunotherapy in Melanoma. Journal of Medicinal Chemistry, 2022, 65, 2434-2457.	6.4	20
43	Orally Bioavailable Tubulin Antagonists for Paclitaxel-Refractory Cancer. Pharmaceutical Research, 2012, 29, 3053-3063.	3.5	19
44	Copper-Catalyzed Selective Arylation of Nitriles with Cyclic Diaryl Iodonium Salts: Direct Access to Structurally Diversified Diarylmethane Amides with Potential Neuroprotective and Anticancer Activities. Organic Letters, 2020, 22, 5789-5795.	4.6	19
45	Discovery of novel CA-4 analogs as dual inhibitors of tubulin polymerization and PD-1/PD-L1 interaction for cancer treatment. European Journal of Medicinal Chemistry, 2021, 213, 113058.	5.5	18
46	Design, Synthesis and Biological Evaluation of Novel HIF1Î± Inhibitors. Anticancer Research, 2015, 35, 3849-59.	1.1	17
47	Metabolism of 20-hydroxyvitamin D3 and 20,23-dihydroxyvitamin D3 by rat and human CYP24A1. Journal of Steroid Biochemistry and Molecular Biology, 2015, 149, 153-165.	2.5	16
48	Discovery of KRas G12C-IN-3 and Pomalidomide-based PROTACs as degraders of endogenous KRAS G12C with potent anticancer activity. Bioorganic Chemistry, 2021, 117, 105447.	4.1	15
49	Synthesis of Nâ€Carbonyl Acridanes as Highly Potent Inhibitors of Tubulin Polymerization via Oneâ€Pot Copperâ€Catalyzed Dual Arylation of Nitriles with Cyclic Diphenyl Iodoniums. Advanced Synthesis and Catalysis, 2020, 362, 2030-2038.	4.3	14
50	Design, synthesis and biological evaluation of novel acridine and quinoline derivatives as tubulin polymerization inhibitors with anticancer activities. Bioorganic and Medicinal Chemistry, 2021, 46, 116376.	3.0	14
51	Discovery of pomalidomide-based PROTACs for selective degradation of histone deacetylase 8. European Journal of Medicinal Chemistry, 2022, 239, 114544.	5.5	14
52	Synthesis and pharmacological evaluation of novel resorcinol biphenyl ether analogs as small molecule inhibitors of PD-1/PD-L1 with benign toxicity profiles for cancer treatment. Biochemical Pharmacology, 2021, 188, 114522.	4.4	13
53	Discovery of Thieno[2,3-d]pyrimidine-based KRAS G12D inhibitors as potential anticancer agents via combinatorial virtual screening. European Journal of Medicinal Chemistry, 2022, 233, 114243.	5.5	13
54	Discovery of novel quinazoline-based covalent inhibitors of KRAS G12C with various cysteine-targeting warheads as potential anticancer agents. Bioorganic Chemistry, 2021, 110, 104825.	4.1	12

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55	Nanocrystals Technology for Pharmaceutical Science. Current Pharmaceutical Design, 2018, 24, 2497-2507.	1.9	12
56	Structure Elucidation of Major Metabolites from Medroxyprogesterone Acetate by P450. Chemical and Pharmaceutical Bulletin, 2009, 57, 835-839.	1.3	11
57	Discovery of novel verinurad analogs as dual inhibitors of URAT1 and GLUT9 with improved Druggability for the treatment of hyperuricemia. European Journal of Medicinal Chemistry, 2022, 229, 114092.	5.5	11
58	Design, Synthesis, and Bioevaluation of Novel Enzyme-Triggerable Cell Penetrating Peptide-Based Dendrimers for Targeted Delivery of Camptothecin and Cancer Therapy. Journal of Medicinal Chemistry, 2022, 65, 5850-5865.	6.4	9
59	Discovery of novel 3-hydroxyandrosta-5,7-Diene-17-Carboxylic acid derivatives as anti-inflammatory bowel diseases (IBD) agents. European Journal of Medicinal Chemistry, 2021, 220, 113468.	5.5	8
60	Effects of sidechain length and composition on the kinetic conversion and product distribution of vitamin D analogs determined by real-time NMR. Dermato-Endocrinology, 2013, 5, 142-149.	1.8	7
61	Discovery of ARS-1620 analogs as KRas G12C inhibitors with high in vivo antitumor activity. Bioorganic Chemistry, 2022, 121, 105652.	4.1	7
62	Design, synthesis and biological evaluation of benzâ€fused fiveâ€membered heterocyclic compounds as tubulin polymerization inhibitors with anticancer activities. Chemical Biology and Drug Design, 2021, 97, 1109-1116.	3.2	6
63	Synthesis and pharmacological evaluation of a novel synthetic peptide CWHTH based on the Styela clava-derived natural peptide LWHTH with improved antioxidant, hepatoprotective and angiotensin converting enzyme inhibitory activities. International Journal of Pharmaceutics, 2021, 605, 120852.	5.2	5
64	Benzimidazole analogs as potent hypoxia inducible factor inhibitors: synthesis, biological evaluation, and profiling drug-like properties. Anticancer Research, 2014, 34, 3891-904.	1.1	5
65	Discovery of novel 2-aryl-4-bis-amide imidazoles (ABAI) as anti-inflammatory agents for the treatment of inflammatory bowel diseases (IBD). Bioorganic Chemistry, 2022, 120, 105619.	4.1	5
66	Discovery of novel 7,8-dihydropteridine-6(5H)-one-based DNA-PK inhibitors as potential anticancer agents via scaffold hopping strategy. European Journal of Medicinal Chemistry, 2022, 237, 114401.	5.5	5
67	Screening PEGylated polyethylenimine derivatives for safe and efficient delivery of gene materials. RSC Advances, 2016, 6, 106316-106326.	3.6	4
68	pH-Responsive Cross-Linked Low Molecular Weight Polyethylenimine as an Efficient Gene Vector for Delivery of Plasmid DNA Encoding Anti-VEGF-shRNA for Tumor Treatment. Frontiers in Oncology, 2018, 8, 354.	2.8	4
69	Novel DCPIB analogs as dual inhibitors of VRAC/TREK1 channels reduced cGAS-STING mediated interferon responses. Biochemical Pharmacology, 2022, 199, 114988.	4.4	4
70	Review of Design of Precursors for Sustainable Chemistry. Journal of Natural Products, 2017, 80, 1701-1702.	3.0	2
71	An Alkene-Forming Cascade Reaction En Route to 2,2'-Bi(glycerol). Synlett, 2018, 29, 1769-1772.	1.8	0